



## Carbon Fiber Calendaring

### Application:

Calendaring station for carbon fiber pre-preg mats into material that is used in the aerospace industry for items such as exterior skins for aircraft wings. Material is carried through the unit between release paper to avoid sticking to roll surfaces. The material width varies between 36 and 60 inches.

The **AccuNip**<sup>®</sup> unit is a Model 4K with a 4,000-pound capacity that is mounted in an inverted position and suspended from a square tubular frame. The unit operates at 8 to 20 feet per minute. Both of the rolls mounted in the unit are 12" in diameter with 68" face widths.

The stationary roll is a double shelled **Thermal-Flo**<sup>®</sup> roll operating at 185°F configured for flow in and out of the same end. The roll face is chrome plated with .005" thickness and polished to an 8 Ra surface finish.

The pivot roll is a single-shelled roll covered with a polyurethane material at 70 durometer, ½-inch thick.